

ANNEXURE-I

Scrutiny comments on examination of Modifications in Approved Modified Mining Plan with PMCP in respect of Vangi Bindi Advona Iron & Manganese Ore Mine (T.C.No.10 of 1951) of Minescape & Kadar Ores Pvt. Ltd., over an area of 82.3280 Ha. of situated in Sulcorna and Vichundrem Villages, Quepem & Sanguem Talukas, South Goa District of Goa State submitted under Rule 17(3) of MCR'2016 for enhancement of production.

Introduction The reason for modifications of mining plan consequent to re-distribution of production capping & quantity in tonnes by State DMG, Goa should be discussed properly.

Details of approved MP/SOM-Para-3.3- The production & development quantity, sub-grade; mineral rejects & dumps recovery if any achieved up to Dec., 2016 or till date in financial year 2016-17 should be given based upon monthly return submitted to IBM only & it should be discussed in brief regarding remaining cap production quantity is to be achieved up to March, 2017 in the financial year 2016-17.

The quality & quantity of lifting of excavated ore by way of auctioning by state Govt. should be discussed in brief with supporting document. The remaining grade wise stock of auctioned ore available in mining lease area as on 01.4.16 or till date should be discussed with supporting document.

The revised/updated proposed ROM production enhancement quantity for the remaining year 2016-17 & i.e. (Jan, 17 to March, 17) should be discussed & submitted in further submission. The proposed mine workings/ dump recovery should be 100m from existing pit/dump edge as per DGMS guideline if any.

Mining- The targeted quantity of production to be achieved with in short span of time i.e. Jan.17 to march,17 & accordingly availability & adequacy of man & machinery & proposed no of working shifts & effective working hours/shift etc. should be discussed & justified. Only those proposals of production should be indicated which are feasible for achievement up to 31st March 2017 as per statutes. All relevant table & text should be discussed & modified for the latest re-distributed/revised production quantity. The remaining proposal will be same as earlier approved modification in mining plan approved by this office. The proposed production & development area & land used details should be up to Dec.,2016, plan period up to 31/3/2018 & conceptual 21/11/2027 should be updated. The financial assurance area table should be discussed & updated.

Plan & sections: All relevant plan & sections, Surface plan, Production& development plan, Conceptual plan should be updated till Dec.2016 as discussed during inspection & table & text should be updated & modified based upon the modified production & development proposals.

Geology & Exploration.

- i) All the sub headings of the geology and exploration chapters should be discussed in detail instead of referring previous approved document.
- ii) In local geology of the area recovery of lumps and fines from the ROM may be discussed if any tests conducted for the same.
- iii) At page no-59 the total area explored under different level of exploration is not matching with the total lease area.
- iv) Reserves/resources estimated under G-1, G-2 and G-3 level of exploration should be as per the Minerals (Evidence of Mineral Contents) Rules 2015. Reserves/resources need to be re-estimated accordingly.
- v) Reserves/resources should be estimated as on date.